

Offshore Wind Trade Mission to the ACP 2023

Boston, USA

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Foreword Mrs. Barry Nieuwenhuijs

Deputy Consul General of the Kingdom of the Netherlands in New York



Climate change impacts us all. This past summer's weather all over the world has shown us that we need to accelerate our actions. Waiting is no longer an option. This is why I'm so glad that the US is so committed to reducing the impacts of climate change. The development of a steady and reliable renewable energy complex is the key element of the US' policy to reduce the impacts of fossil fuel consumption.

Offshore wind is one of the most important options the US government has to help accelerate the transition to renewable energy in US society. Offshore wind is steadily developing in the US these days. With steel in the water in three new projects and others that will start soon, the US government and east coast states are showing their big commitment to the development of offshore wind. In the Netherlands we just announced our third multi-year plan to expand offshore wind energy. The largest wind park in the Netherlands (Hollandse Kust Zuid) started recently delivering its power to the shore. You can follow the progress of Dutch wind parks at www.windandwaterworks.nl

The Netherlands strongly believes in cooperation. Working together brings down the cost of offshore wind, and can help mitigate and even improve ecological effects. Close collaboration between our governments and business communities helps us all to seize these opportunities by tackling the challenges that come with it.

The Dutch diplomatic network in the USA, together with our partners Holland Home for Wind Energy (HHWE) and the Netherlands Enterprise Agency (RVO), has been facilitating and stimulating links between the relevant Dutch and US business sectors in the past 4 years. I am extremely glad that now we are again coming together in the ACP Offshore Wind 2023 program with a big Dutch delegation. I therefore wish you all very enjoyable and fruitful interactions and concrete cooperation.

Mrs. Barry Nieuwenhuijs
Deputy Consul General



Foreword Arjen Schutten

Holland Home of Wind Energy



On behalf of Holland Home of Wind Energy I am delighted to be joining a large group of Dutch companies and knowledge institutes for the fifth time at one of USA's premier offshore wind conferences. This is the third time we have joined the ACP.

The timing is perfect for celebrating regional and national advances. With Vineyard 1 and South Fork under construction and Ocean Wind 1 to follow this autumn the US offshore wind market is picking up real speed. US BOEM is not only leading the way off the east coast but also in the Gulf region, west coast and Gulf of Maine where floating offshore wind will become very much the main technology.

The Dutch supply chain for offshore wind is considerable, stemming from a leading offshore oil and gas industry, today repeatedly demonstrated by many companies for entire balance of plant investment in many European and Asian offshore wind markets. Dutch offshore wind ports are also very well developed, and a growing number of companies are involved in the pre-commercial stages of the burgeoning global floating wind industry.

We are particularly excited to continue an initiation of US and Netherlands knowledge exchanges in offshore wind and the related ocean environment. There are many possibilities for US and Dutch institutes to collaborate, promote and innovate this particularly important renewables energy sector for increasing potentials for net-positive impact.

For this fifth time that we are joining the US industry with yet another large group of Dutch partner companies shows us again the importance the Dutch offshore industry attaches to this event and the US offshore wind sector as a whole.

Arjen Schutten
Managing Director HHWE



Company Profiles





Joseph Gabriel

Business Development Manager - Americas
E: joseph.gabriel@ampelmann.nl
M: +1 781 223 8169



Oscar Cleve

Business Development Manager – Europe
E: oscar.cleve@ampelmann.nl
M: +31 (0)6 89 91 37 87



Ampelmann Operations

Rotterdamseweg 380
2629 HG DELFT
The Netherlands

T +31 (0)20 2400 121
W www.ampelmann.nl

Ampelmann Operations

Ampelmann is the leading offshore access provider that delivers safe and efficient access solutions to the global offshore energy sector. Its innovative approach to offshore access has propelled the company forwards as a key global player with strong local presences in Europe, Africa, Asia Pacific, Middle East and the Americas. Ampelmann’s diverse portfolio of modular and energy efficient gangways is tailored to meet every local and global demand, providing reliable and consistent access to offshore installations in a variety of sea states and weather conditions.

The company’s growing fleet of gangway systems includes solutions for crew change, cargo and decommissioning operations in the offshore oil and gas, wind and floating wind markets. The company operates on a full-service business model and provides its renting and buying clients with trained operators, 24/7 operational support and digital management tools to improve uptime and ensure maximum efficiency during offshore operations.

An increased demand for clean energy drives the offshore wind market forward, with new wind parks being built across the globe. The commissioning, installation and maintenance of these wind parks require safe and reliable means for offshore access. Ampelmann supports the growth of the offshore wind market and the work of its key stakeholders by providing the highest level of safety and efficiency in accessing platforms offshore. With its years-long track record in the industry and a fleet of over 68 systems, Ampelmann can support a wide range of operations – from the commissioning and development of offshore wind farms to maintenance. With innovation at the core of its products, Ampelmann continues to develop solutions to answer to the specific needs of clients in the industry. The needs of the offshore wind industry have led Ampelmann to develop the E1000, E5000 and W-type, systems that transfer both personnel and cargo and can switch between these modes in less than a minute and with just the push of a button.





Jan Dirk Hudig
 Managing Director
 E j.d.hudig@barge-master.com
 M +31 (0)6 53 67 75 65



Martijn Koppert
 CEO
 E m.koppert@barge-master.com
 M +31 (0)6 11 04 79 09



Elvira Jansen
 Business Developer
 E e.jansen@barge-master.com
 M +31 (0)6 11 62 14 54



BARGE MASTER
 MOTION COMPENSATION SOLUTIONS

Barge Master
 Marconistraat 16
 3029 AK Rotterdam
 The Netherlands

T +31 (0)10 409 0060
 W www.barge-master.com

Barge Master

Barge Master is dedicated to improving offshore workability. We provide motion compensation systems that help our clients to avoid weather downtime and remain in charge of their operations and schedules.

We see motion compensation as the perfect technology to keep the load still, the equipment stable and the people safe. Our systems eliminate the need for bigger ships and provide a cost-effective solution for offshore operations. With motion compensation, working at sea becomes almost as easy as working on land.

Barge Master's portfolio of motion compensation systems has been used in multiple projects around the world. The systems have a wide range of applications in many different sectors of the offshore industry.

Barge Master has developed a Jones Act compliant wind turbine component feeder solution, which will be first used for the installation on Vineyard Wind 1.

This integrated, high-tech solution will enable the wind turbine components to be transported from US ports to the Wind Turbine Installation Vessel (WTIV). When arriving alongside the installation vessel the Barge Master motion compensation technology ensures safe lifting operations and increases workability.

Barge Master provides the most competitive feeder solution in the market today with proven technology based on existing equipment.

By combining our motion compensated Feeder platforms with existing US marine equipment, a Jones Act compliant solution is created and CAPEX and OPEX are kept very low compared to other concepts.





Jamie Lescinski

BD Director US Offshore Renewables
E Jamie.lescinski@boskalis.com
M +1 281 667 6514



Pieter Kortbeek

Commercial Manager
E Pieter.kortbeek@boskalis.com
M +31 (0)6 15 23 94 40



Stuart Keeble

Commercial Manager
Subsea Cables
E stuart.keeble@boskalis.com
M: +44 7436034500



Hein van Gent

Commercial Manager
Offshore Heavy Lift
E Hein.van.Gent@Boskalis.com
M +31 (0)6 81 59 77 62

Boskalis Offshore Energy

Boskalis is a leading global marine contractor and service provider. We operate in the fields of dredging, offshore energy and maritime services. With safety as our core value, we offer a wide variety of specialist activities in the renewables sector that we combine into integrated solutions tailored to meet the needs of our clients. With dedicated professionals and a versatile fleet, Boskalis creates New Horizons for its clients. The impressive track record of multidisciplinary projects demonstrates Boskalis' ability to manage interfaces, mitigate risks and simplify execution.

In the international offshore wind sector, Boskalis offers an unparalleled range of specialist services. Boskalis has been involved in the realization of more than 100 offshore wind farms worldwide, making a unique contribution to the global energy transition.

Our offshore energy business lines provide services for every phase offshore wind project. The offshore heavy lifting services include offshore substation, foundation, transition piece, and secondary steel installation. The subsea cables team provide both export cable and inter-array cable installation and protection services from offshore all the way through the nearshore to the onshore pull. Our marine transport business provides transport, marshalling and feeding services. Bed preparation, rock and mattress protection solutions and rock transport services are provided by Boskalis's seabed intervention team. The marine services team provide tug, barge and anchor handler chartering and service solutions. Survey, through our Gardline business, provide site characterization services including geophysical and geotechnical survey, as well as environmental monitoring and mitigation services.

Boskalis has the unique capability to provide start-to-finish transport and installation services leveraging an in-house fleet of more than 600 vessels. Our global team of engineering, sustainability, logistics and procurement specialists support our breadth of services from tender through execution across all project phases.

Boskalis has a strong portfolio of US offshore wind farm scopes across four wind farm projects through which we will contribute to the strengthening of the US offshore energy horizon. Summer of 2023 we successfully completed the South Fork Wind offshore substation and foundation transport and installation.

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Stewart Cutchey

Business Development Manager
Gardline
E stewart.cutchey@gardline.com
M +44 755 12 70 04



Jan Wolter Oosterhuis

Commercial Director
Subsea Cables
E j.w.oosterhuis@boskalis.com
M +31 (0)6 50 40 98 37



Boskalis Offshore Energy

Rosmolenweg 20
3356 LK PAPENDRECHT
The Netherlands

T +31 (0)78 696 9000
W www.boskalis.com

Boskalis Offshore

17 Virginia Ave
Providence, RI 02905
USA





Kai Fiand

Regional Manager – Americas
E kai.fiand@capeholland.com
M +1 (346) 290 3874



Nils Raab

Head of Renewables
E:Nils.raab@capeholland.com
M: +49(0)1778-683451



CAPE Holland

Romhof 5
9411 SB BEILEN
The Netherlands

T +31 (0)593 540 470
E info@capeholland.com
W www.capeholland.com

CAPE Holland

ALL WAYS DRIVEN

We are passionate about piling; we continuously improve the performance of pile installation and removal: faster, easier, smoother and more sustainable. We love to make impact and contribute to good vibrations. Our customers’ offshore oil, gas and wind projects are of the greatest significance. These mighty constructions require solid foundation, and we are there to support them with the smartest piling equipment and all our knowledge, skill and craftsmanship. At CAPE Holland we proudly build on six generations of piling experience. We get the job done!

PILING OUTSIDE THE BOX

Above all, we are solution providers. We think in possibilities. Whether we need to be creative in sourcing the proper equipment for you, or the situation requires an ‘out-of-the-box’ approach. We are the pioneers in offshore vibro driving. Our work includes research, design, and engineering. We try and test. Both behind a desk, and with our feet on deck. Resourceful as we are, we’ve invented better tools by learning from onshore piling, combining functionality, reducing frills and adopting to the most demanding circumstances. Challenge us, like we challenge ourselves!

BUILDING ON PARTNERSHIPS

We believe in the power of collaboration. Whether it’s among colleagues or with customers and business partners: together is better. That means we listen, empathize and think along with you. And we value the exchange of knowledge. We are no-nonsense people, too: we do what we say and we say what we do. Since relationships are built on trust, we take our responsibilities seriously. Not just in doing business and optimizing work safety, but in respecting our planet and expanding renewable energy as well. We realize our offshore work has an impact on sea life. Therefore, we’re constantly looking for ways to work as quietly as possible.





Niels Ros

Sales Manager

E nr@corrosion.nl

M +31 (0)6 55 48 97 21

CORROSION

CORROSION has been in the business of protecting offshore wind farms, vessels and onshore applications against corrosion and fouling since 1993. From our humble beginnings in the small town of Moerkapelle in the Netherlands, we've grown into an internationally recognized leader in creative, sustainable, state-of-the-art solutions in corrosion and cathodic protection.

Our highly sophisticated ICCP and ICAF systems are utilized by companies large and small around the world, protecting their valuable assets and equipment in even the toughest and most demanding conditions. Excellence is born of experience and expertise, and our unique research laboratory at our global headquarters in Moerkapelle is the beating heart of our company. It's where we test and develop new products and services, enabling us to lead the way in creating innovative anti-fouling and corrosion solutions.

Over the last three decades, we've expanded not just in terms of what we do, but also geographically, with successful subsidiaries everywhere from Germany and France, to China and Vietnam.

CORROSION is the global market leader in protecting wind turbine foundations in an environmentally friendly way by using ICCP. Since 2008 we protected more than 2.200 foundations and installed more than 3.200 systems.

Our slogan is 'Let's make wind truly sustainable' - words we put into action every day around the world by providing state-of-the-art solutions for the foundations of wind turbines among other things. What few people may realize is that traditional methods of protecting metal surfaces against corrosion in offshore environments are by no means pollution free. The result? Some wind farms are far more eco-friendly above water than below it. By choosing our unique ICCP solution, we are helping to make wind turbines as clean and sustainable as the energy they produce. Something we hope and believe the whole industry can achieve by embracing new technologies.



CORROSION

Herenweg 58A

2751 DB MOERKAPELLE

The Netherlands

T +31 (0)79 593 1295

W Corrosion.nl





Jennifer Ryan

Director of Engineering
E: j.ryan@c-job.com
T: +1 281 220 6992 ext 104



Wouter den Boer

Chief Commercial Officer
E: w.denboer@c-job.com
M: +31 (0)6 31 93 55 28

C-Job Naval Architects

As a dedicated naval architect, C-Job is driving change. We are passionate about making it happen: a sustainable maritime industry in one generation.

Architectural innovation is our job. We help our clients to build better ships, become 100% sustainable, and run better because of it. Our portfolio of services, designs, and programs guarantees better OPEX and CAPEX for new vessels, as well as existing ones.

We are a diverse team of over 180 professionals experienced in all phases of ship design from feasibility through production. Our independent position means we serve our clients as a knowledge partner helping them find the right unbiased solution for their needs.

For more information, please visit www.c-job.com.

C-Job provides industry leading naval architecture and marine engineering services to the offshore wind industry. We continue to build on our experience by supporting ship owners, installation contractors, and developers with innovative solutions to meet the unique challenges of the US offshore wind industry.

Some of the vessel types we are experienced in include:

- Jack-up Wind Turbine Installation Vessels (WTIV)
- Floating Offshore Heavy Lift and Installation Vessels
- Service Operation Vessels (SOV)
- Offshore Wind Feeder Vessels (OWFV)
- Cable Laying and Repair Vessels (CLV)
- Anchor Handling Tugs (AHT)
- Many more...

We support our clients from the very early stages of ship design with feasibility studies, developing business cases, all the way through the design process to the shipyard production engineering and building supervision. We then continue our services throughout the life of the vessel bringing ongoing innovation to project outfitting and vessel operations through our consulting services.



C-Job Naval Architects

10077 Grogans Mill Rd. Suite 590
The Woodlands, TX 77380
USA

T +1 281 220 6992
W www.c-job.com





Yorick Broekema
Senior Researcher/Advisor
E: Yorick.Broekema@deltares.nl
M: +31 6 5209 1231



Sharon Tatman
Expert Advisor
E: Sharon.Tatman@deltares.nl
M: +31 6 5754 9858

Deltares

We are Deltares. A not-for-profit, world-leading, and mission-driven Dutch knowledge institute for water and the subsurface. We work throughout the world and we are guided by the major societal issues, for which Deltares' knowledge is indispensable. This is what drives our highly qualified workforce of 800 colleagues, which is comprised of over forty different nationalities.

Using applied research, we develop in-depth knowledge that is necessary and useful for decisions. By ensuring this knowledge is accessible to everyone, we help with innovative solutions. Where do we make a difference? By building on the continuity of our knowledge base. As an important knowledge partner, we help the government, companies, and society. Together, we achieve our mission: Enabling Delta Life.

Deltares & offshore wind

In order for offshore wind to become a cost-effective renewable energy technology, further cost reduction is needed, all the while minimising the impact of offshore wind farm development on the environment. The future generation of wind farms will also face new installation challenges in deeper and increasingly more hostile environments. Whether you are an offshore contractor, energy utility, or engineering company, we can assist you throughout your design, installation, operation & maintenance, and decommissioning phases. Our specialty expertise in waves, currents, geotechnics, geology, morphology, ecology – and their dynamic interaction involving multiple stakeholders - is of key relevance for offshore wind projects. We develop knowledge and tools for the industry that mitigates and minimizes risks to guarantee safe, reliable, sustainable, and cost-efficient operations. We are always actively looking for (industry) partners to collaborate on Joint-Industry Projects to further accelerate achieving the ambitious global targets related to the energy transition.

Deltares

Deltares

Boussinesqweg 1
2628 ZM DELFT
The Netherlands

T +31 (0)88 335 8231

W www.deltares.nl/en/expertise/areas-of-expertise/energy-transition/offshore-wind-energy





Ernst Wassenaar

Regional Manager Americas
E wassenaar@geomil.com
M +1 438 371 9940

Geomil Equipment B.V.

World's first manufacturer of CPT equipment

For over 85 years, Geomil has been developing and manufacturing Cone Penetration Testing (CPT) equipment, enabling high-quality and effective geotechnical site investigations. CPT data is fundamental for reliable offshore soil profiling as it sets the basis for cost effective project realization.

Offshore products

The most commended Geomil systems are the Manta-100, Manta-200, Orca-90/125 and Marlin-120.

- Geomil Manta's are seabed CPT systems which can operate anywhere from shallow to deep waters. At the heart of the Manta is the unique Continuous Drive System (CDS), providing unrivalled push capacity. The latest addition to the product range is a Seismic Source Frame allowing for seismic CPT.
- The Orca is a downhole CPT and soil sampling system compatible with most common drill rigs. The Orca can provide real-time data and has proven to ensure high efficiency and repeatable test data.
- The Orca can be supported by a Marlin seabed template.
- All Geomil offshore equipment is modular such that key components can be used with different systems in the portfolio.

Support from A to Z

We support our clients from the very early stages of vessel design with feasibility studies and developing business cases, through the design process to the shipyard production engineering and building supervision. We then continue our services throughout the life of the vessel bringing ongoing innovation to project outfitting and marine operations through our consulting services.

Every corner of the world

Geomil's head office is in Moordrecht (The Netherlands). We have regional offices in Montreal (Canada), Kassel (Germany) and Kuala Lumpur (Malaysia).

Geomil is looking for partners with the ambition to develop the market for offshore wind, using CPT technology. We are specifically interested to collaborate with:

- Geotechnical companies.
- Survey companies with an interest to step into geotechnics.
- Vessel owners with the ambition to equip their vessel for CPT.
- Companies interested to act as a reseller or service provider.



Geomil Equipment B.V.

Westbaan 240
2841 MC Moordrecht
The Netherlands
T +31 172 427 800
W www.geomil.com





Karel Wagner

Sales Manager
E Karel.Wagner@nov.com
M +31 (0)6 83 28 38 18



Alberto Morandi

General Manager Houston Office
E Alberto.Morandi@nov.com
M +1 713 8828427

GustoMSC

The pioneers of offshore engineering

NOV is a leading provider of technology and equipment to the global energy industry. GustoMSC, part of our Marine and Construction business, is recognized for providing advanced design & engineering consultancy for mobile offshore units such as Wind Turbine Installation Vessels and reliable equipment like jacking systems and heavy lift cranes. In close cooperation with our clients, we translate experience, science, and technical knowledge into realistic & innovative ideas.

The performance of new and existing jack-ups, vessels and semi-submersibles is further optimized by our operational support and engineering consultancy. In this way, GustoMSC enables and supports safe and efficient operations at sea, contributing to a sustainable future.

Offshore Wind Installation in the U.S.

Meeting the U.S. offshore wind target of 30 GW installed capacity by 2030 will present significant supply chain challenges and opportunities. GustoMSC is widely involved in these developments through the design of capable Wind Turbine Installation Vessels, Blade Installation Vessels, larger jacking systems and cranes as well as feeder vessel solutions.

Jones Act-compliant vessel

The construction of the Charybdis WTIV is an important step, led by Dominion Energy. The vessel is a GustoMSC NG-16000X-SJ design being built at Keppel AmFELS, Brownsville, Texas. It will be one of the world’s largest jack-up vessels, due to be operational at the end of 2023.

Feeder solutions

In parallel, GustoMSC has been developing various feeder solutions among which the Steady Top Feeder Vessel. This specially designed transport vessel will be able to load WTG components in port and transport them directly to the field. At the site, a dedicated WTI Jack-up will be able to lift-off WTG components safely from a motion compensation platform. In addition, GustoMSC is developing moored feeder solutions, jack-up feeders and docked feeder solutions.

Based on its expertise and track record in jack-up vessels and the offshore wind market GustoMSC is well positioned to support clients in conceiving and realizing dedicated and integrated solutions to meet the requirements of US offshore wind turbine installation.



GustoMSC

Karel Doormanweg 35
3115 JD SCHIEDAM
The Netherlands

T +31 (0)10 288 3000
W www.nov.com/gustomsc





Ron Agterberg

Sales Manager

E ragterberg@huisman-nl.com

M +31 (0)6 10 72 74 36

Huisman

We are Huisman. We design, manufacture and service heavy construction equipment for the world's leading companies in the renewable energy, oil and gas, civil, naval and entertainment markets. Our products range from Cranes, Offshore Wind Tools, Pipelay and Drilling Equipment to specials.

The history of Huisman is one of setting new industry standards. Of making impact, since 1929. With step changing technical solutions that vary from stand-alone components to highly engineered integrated systems. From concept to installation and lifetime support.

With our passionate workforce and worldwide production, service and sales facilities, we are equipped for impact in these times of transition.



Huisman

Admiraal Trompstraat 2

3115 HH SCHIEDAM

The Netherlands

T +31 (0)88 070 2222

W www.huismanequipment.com





Guido van der Zwet

President iPS Powerful People LLC
E g.vanderzwet@ipspowerfulpeople.com
M +1 832 294 4403

iPS Powerful People LLC

iPS is your international personnel provider in the Maritime, Offshore Wind, Oil & Gas and Tunnelling industry!

The company was founded in 1988 and is headquartered in The Netherlands with offices and representatives in Australia, Dubai, Germany, Lithuania, Mexico, South Africa, the United States of America, United Kingdom and more.

iPS has extensive experience in offering personnel to the Offshore Wind Sector in Europe, United States and Asia. For over a decade we have provided personnel in 80+ different Offshore Wind farms on both operational as administrative / engineering / management levels.

For over 35 years, iPS offers local and international recruitment and payroll solutions. We offer both white collar (administrative, management) as blue collar (operations, crew) personnel.

Services we offer:

- Direct hire (recruitment)
- Perm-to-hire (recruitment and temporary on our payroll)
- Contingent workers (W2 contract in USA // International contracts for foreigners on foreign flagged vessels)
- Crewing Services (combination of recruitment, payroll, personnel logistics (training, travel, lodging, certificates)
- Visa and migration support



iPS Powerful People LLC

12848 Queensbury Lane | Suite 208
77024 Houston, Texas
USA

M +1 832 294 4403
W www.ipspowerfulpeople.com





Pierre Mille

Commercial Manager
E Pierre.Mille@mammoet.com
M +1 281 727 6951



Rick Bohne

Commercial Manager
E rick.bohne@mammoet.com
M +1 615-600-1655

Mammoet

Mammoet provides solutions to any heavy lifting or transport challenge.

As the owner of the largest and most modern heavy lift and transport toolbox in the world, Mammoet has transferred some of the world's largest structures between land and sea; constantly innovating to find a way into the water that is most efficient, safe and cost-effective. With a unique global network, extensive engineering expertise, and high quality standards, Mammoet helps customers with project delivery by providing a single point of contact. Mammoet teams have the ability to solve and optimize complex supply chain challenges from factory to foundation. Mammoet has an approach that builds on existing innovations while exploring new opportunities, such as alternative fuel sources and circularity in parts.

Engineering Services

- Port Assessments / Route Studies
- Engineered Lift and Transport Drawings
- Storage solutions / Yard layout
- Ballast plans, Mammoet 3D modeling,
- Custom heavy lift or transport tool development

Mammoet Project Services

- Project / QHSE / Warehouse Management
- Heavy lifting / Heavy Transport
- LOLO, RORO
- Rail, Shipping, barging, logistics services
- Rigging, ballasting
- Offshore services, load spreading, lifting tools and gear, custom heavy lift and transport solutions, In-house training



Mammoet

20525 FM Rd.
77583 Rosharon (TX)
USA

T +1 281 369 2200
W www.mammoet.com





Arjan Voogt

Manager MARIN USA
E A.J.Voogt@marin.nl
M +1 832 305 6089



Erik-Jan de Ridder

Senior Project Manager
E: E.d.Ridder@marin.nl
M: +31 (0)317 49 32 05



MARIN USA Inc

3701 Kirby Drive, suite 740
Houston, TX 77098
USA

T +1 832 305 6089
W www.marin.nl/usa

Maritime Research Institute Netherlands (MARIN)

MARIN is a globally recognised top institute for hydrodynamic and nautical research in the Netherlands. Our mission is 'Better Ships, Blue Oceans': we stand for clean, smart and safe shipping and sustainable use of the sea. We do this as an independent knowledge partner for the maritime sector, government and society.

MARIN USA Inc has branch offices in Houston and Chesapeake Bay. Both offices act as a bridge to the knowledge centre at MARIN in Wageningen The Netherland by connecting U.S. clients to the experts in Wageningen.

MARIN provides local client support, third party verifications work and design optimization studies, including floating wind simulations and model tests for design verification.

The Houston offices also includes a Bridge simulator facility to assist our clients with Port development, Approach manoeuvres and Wind turbine installations.

We like to use our knowledge to make innovative solutions workable. Wind turbines, wave energy conversion systems and marine current turbines need to be able to withstand the forces of nature and generate as much power as possible.

As well as contract research for customers, we initiate projects and support networks to encourage cooperation in the industry. We supply concrete products such as workability analyses for the maintenance of structures and the optimisation of maintenance vessels, including motion compensation and on-board advice systems.

We partner with you from concept to design, offering our expertise and experience, using in-house developed tools and methods matching your needs and adapting to your deadlines. Our tools and methods range from use of databases and simulations towards model scale experiments, simulators/virtual reality and full scale monitoring.





Jonne Stortinghuis

CEO

E Jonne.schortinghuis@reynard.nl

M +31 (0)6 53 75 35 62

Reynard Solutions

We perform a wide range of offshore high voltage activities for the connection and maintenance of offshore wind assets, covering array, export or interconnecting cables. Our track record covers a multitude of wind farms and substations. We employ the largest team of HV specialists in the industry. All our staff receive proper and project-specific in-house training and certification prior to every new project. As a result, our professionals deliver the highest quality of work in shortest amount of time, with an outstanding safety record.

Reynard recently became part of the WTS Energy Group, thereby enlarging its global presence creating the ideal combination of a contractor's mind-set with the flexibility of a large global workforce. Early involvement with our clients is therefore the key to joint success. As experts in our field, we jointly work towards reducing offshore downtime and risks. These time-saving measures are engineered during preparation phases where team optimization and smart solutions are scrutinized to reduce offshore operation time. For the benefits of both our clients and ourselves. We are aiming to combine three goals - helping our clients become successful while improving the environment at the same time and create a well-trained local workforce.

Our aim is simply to become the best jointing company in the world.



Reynard Solutions

Drachmeweg 145A

2153 PA NIEUW VENNEP

The Netherlands

T +31 (0)6 53 75 35 62

W www.reynard.nl





Luuk Koster

Sales Manager Renewables
E l.koster@royalihc.com
M +31 (0)6 1002 0148



Robert Haylock

Business Development Manager
E r.haylock@royalihc.com
M +44 (0)7979 165005

Royal IHC - IHC Offshore Energy

Connecting the future of energy

The offshore wind industry is constantly evolving. At the same time, operational efficiency, improving sustainability and safety are of great importance. Drawing on a wealth of knowledge and experience, IHC Offshore Energy is ready to support you to stay ahead of these developments.

We are a leading supplier of reliable and advanced vessels, equipment and services for the offshore renewables and telecoms' markets. We can help you to achieve more efficient and sustainable offshore operations with designs, assets and services that are aimed at achieving maximum safety, performance and reliability.

Sophisticated designs based on shipbuilding experience

We have a proven track record in delivering a range of (integrated) vessels, vessel designs and equipment, which can be adapted to include various sustainable solutions. As such, we offer a sophisticated range of:

- Inter array cable lay vessels
- Export cable lay vessels
- (Commissioning) Service Operation Vessels
- Mooring Installation Vessels,
- Anchor Handling Vessels and
- Offshore support vessels

Everything to complete your mission

We have been providing equipment and technical expertise to the global cable lay market for over 30 years. Our philosophy is to build safe and reliable equipment that is easy to mobilise, simple to operate and maintain and improves operational efficiency. Our mission equipment portfolio includes:

- power cable installation equipment including carousels and quadrant handling systems.
- tracked cable tensioners and winches.
- Tracked trenching vehicles, jet sleds and power cable ploughs.
- Specialist launch and recovery systems

Customised solutions based on partnerships

Creating the optimal solution for our customers is at the core of our business. Our holistic approach starts with your project requirements. This includes a complete in-house package, from concept design to vessel delivery, with after-sales contracts. Our service portfolio includes 24/7 support, training courses, equipment mobilisation plans, upgrades and refurbishment, rental equipment and consultancy opportunities.

IHC Offshore Energy is part of Royal IHC. Our experience dates back to the mid-seventeenth century. As we navigate new waters in an ever-changing world, our aim remains unchanged: to discover the smartest, safest and most efficient way forward together with our customers.

Together, we create the maritime future.



Royal IHC

Smitweg 6
2961 AW KINDERDIJK
The Netherlands

T +31 (0)88 015 2535

W www.royalihc.com/offshore-energy





Gjalt Lindeboom
Managing Director
E g.lindeboom@seaqualize.com
M +31 (0)6 81 31 39 30



Elke de Vries
Lead Engineer
E e.de.vries@seaqualize.com
M +31 (0)6 39 78 72 99

SEAQUALIZE
BALANCED HEAVE COMPENSATION

Seaqualize
Scheepsbouwweg 45
3089 JW Rotterdam
The Netherlands

T +31 (0)6 81 31 39 30
W www.seaqualize.com

Seaqualize

Seaqualize is a young Dutch offshore tool development company, which builds and rents out the world's most sophisticated Balanced Heave Compensation (BHC) tools, which can be placed in any standard heavy lift crane hook: The Heave Chief. It offers full vertical position and load control (Active Heave Compensation or "AHC") over delicate heavy loads. We can hold heavy loads still during floating to floating lifts, quick lift them from deck to prevent re-hits or gradually introduce loads to minimize harmful dynamic loading: Don't worry about heave, we've got that covered.

By using the Seaqualize tooling, any standard heavy lift crane can be upgraded, to facilitate safe and controlled lifts from any Jones Act compliant US built and flagged supply vessel. This allows components to be fabricated in the US and shipped to any installation vessel of the coast, without the need to look for sheltered weather conditions. As the tool is placed in the crane, only 1 tool is needed irrespective of the number of supply vessels used, limiting the CAPEX required in the supply chain.

Our tools help clients to minimize their risk of delay due to waiting on weather, and offer them full control and higher levels of safety during the lifting and installation of Wind Turbine components. The first two commercial scale windfarms to be installed of the US east coast in 2023 have both chosen to use the Seaqualize Heave Chief for their operations, making it the most proven technology in the market to tackle work-limiting heave motions.

The current fleet of tools range from ~300mt to max 1100mT capacity. The tools are battery powered, with minimal crane interfaces and can operate ~12hrs on a single charge. We offer a wide range of simulation analyses which can be customized to run any offshore lifting operation, and jointly investigate lifting hazards, calculate workably for a specific operation or train operators.

Seaqualize is based in Utrecht, Rotterdam and The Hague.





Harke Jan Meek
 Chief Commercial Officer
 E HarkeJan.Meek@seaway7.com



Zach Skelton
 Business Development Manager –
 Renewables, US
 E Zach.Skelton@seaway7.com
 M +1 508-239-8032



Moses Leite
 Sr. Buyer
 E Moses.Leite@seaway7.com
 M +1 508-317-8164



Seaway 7
 Louis Pasteurlaan 5
 2719 EE ZOETERMEER
 The Netherlands

T +31 (0)79 3637700

Seaway 7
 225 Dyer Street
 02903 Providence RI
 The Netherlands

W www.seaway7.com

Seaway7

Seaway7, part of the Subsea7 Group, support developers to bring sustainable, renewable energy to the world through the construction of fixed offshore wind farms.

As a global leader in the delivery of fixed offshore wind projects, Seaway7 offers specialist foundation, offshore substation, submarine cable and wind turbine installation services and heavy transportation for the renewables sector.

With capabilities and an extensive expertise in project management, engineering, procurement and fabrication, Seaway7 can deliver these services in a comprehensive array of contractual structures including Engineering, Procurement, Construction and Installation (EPCI), (integrated) Transportation & Installation (T&I) and Balance of Plant (BoP) to our clients in the offshore wind industry.

Seaway7 provides a range of products and services through numerous commercial models;

Heavy Lifting:

- Transport & Installation (T&I) of offshore structures e.g. foundations and substations

Offshore Cables:

- Transport & Installation (T&I) of submarine cables
- Wind Turbine Generators (WTG)
- Transport & Installation (T&I) of WTGs

Heavy Transportation:

- Highly engineered heavy marine transportation

EPCI Solutions & Integrated Projects:

- Delivery of integrated T&I solutions for any combination of foundations, submarine cables and WTGs
- Delivery of Engineering, Procurement, Construction and Installation (EPCI) solutions for foundation structures

Seaway7's services are supported by a high-end fleet with enabling capabilities and scale, allowing efficient worldwide operations, while providing vessel flexibility and optionality to clients.

The active fleet comprises ten specialist vessels designed for cable lay, heavy lifting and heavy transportation. Two more high-specification assets are to be delivered to the market shortly. These assets are designed for the installation of the next generation of wind turbine generators and foundations.





Ilke Tollenaar

Director

E i.tollenaar@tme.nl

M +31 (0)6 10 03 04 10

TME BV

TME specializes in custom built equipment for offshore operations. We are currently building the rock handling system for the first US-flagged Jones Act compliant fallpipe vessel for north America's leading dredging contractor Great Lakes Dredge & Dock.

We want to further expand our activities in the United States, particularly for subsea rock installation operations, cable installation operations, noise mitigation systems and TP cover protection.



TME BV

Trawlerweg 19

8042 PZ ZWOLLE

The Netherlands

T +31 (0)38 203 1011

W www.tme.nl





Cees Wien

Sales Manager

E cees.wien@trelleborg.com

M +31 (0)6 53 81 31 59



Olivier Schuringa

Design Engineer

E olivier.schuringa@trelleborg.com

M +31 (0)6 82 08 21 06

Trelleborg Ridderkerk BV

Trelleborg Infrastructure’s polymer sealing and damping solutions are built on deep expertise and decades of craftsmanship. When it comes to offshore wind, immersed tunnelling, dredging, water infrastructure, noise and vibration isolation, and high-performance special projects, the operational capability of our solutions are assured at the highest level, so our world keeps moving and working. We have unrivalled global reach, with feet-on-the ground local presence, cross-industry expertise and in-house end-to-end solution capabilities, combining to improve integrity, sustainability and efficiency, and accelerate performance across projects.

Trelleborg Marine and Infrastructure’s industry-leading solutions for offshore wind foundation seals are built on deep expertise and design knowledge to help you calculate the right specifications with accuracy and precision. Whether you are developing your first designs or innovating on your previous successes, our experience of working alongside contractors and subcontractors ensures that we deliver product excellence and support within your timelines.

We are proud to have been the trusted supplier for more than 3600 Foundation Seals in offshore wind over the last 15 years. Next to these seals we focus on providing solutions to offshore renewable energy market with airtight deck seals, inflatable seals, flange protection sealing system, flexible mooring system, self-activating seals, anti-vibration solutions, shock pads, fenders, compression seals, buoyancy, installation & inspection.



Trelleborg Ridderkerk BV

Verlengde Kerkweg 15

2985 AZ RIDDERKERK

The Netherlands

T +31 (0)180 495555

W www.trelleborg.com/marine-and-infrastructure





Floris Toetenel

Commercial Director

E fb.toetenel@vuykrotterdam.com

M +31 (0)6 12 73 94 42



Peter Wempe

Sales Manager

E pj.wempe@vuykrotterdam.com

M +31 (0)6 12 05 07 86

Vuyk Engineering Rotterdam BV

A synergy of three maritime engineering specialisms is represented at Vuyk Engineering Rotterdam. Our department Vessel Design and Conversion focuses on (concept, basic and detail) design and conversion of work vessels. Our department Equipment Design and Upgrades specializes in developing advanced mission equipment. We find solutions for complex issues or upgrades to facilitate high performance operations. Our department Operational Engineering focuses on optimizing efficiency and safety of maritime operations with development of methods, design of temporary steel structures, sea fastenings, hydrodynamic analysis and workability studies. Our three disciplines are working together as one team, enabling us to provide our customers complete design packages. Vuyk Engineering Rotterdam has all the in-house expertise to support innovative projects in various maritime markets: dredging, subsea, offshore wind, renewables and the heavy lift market.

Vuyk Engineering Rotterdam provides design solutions in the following areas of work:

Vessel Design and Conversion:

- Service Operation Vessels (SOV)
- Foundation Installation Vessel (FIV)
- Turbine Installation Vessel (TIV)
- Heavy lift vessels
- Pipe lay Vessels
- Cutter Suction Dredgers (CSD)
- Trailing Suction Hopper Dredgers (TSHD)
- Sheerlegs
- Fall pipe and mining vessels

Equipment Design and Upgrades:

- Motion Compensated Gangway
- Moon pool equipment
- Rock dumping equipment
- WTG blade racks
- Lifting equipment

Operational Engineering:

- Wind turbine transport & installation
- Motion and workability studies
- Temporary steel design
- Salvage and decommissioning operations
- Lifting, ballast, tow and mooring plans
- Dynamic Positioning calculations



Vuyk Engineering Rotterdam BV

Lichtenauerlaan 2
3062 ME ROTTERDAM
The Netherlands

T +31 (0)10 312 6400

W www.vuykrotterdam.com





Tom Nooij

CEO

E tom@wind.nl

M +31 (0)6 21 39 36 36



Hans Bleeker

Commercial Manager – North America

E hans.bleeker@wind.nl

M +1 604 220 88 72



Tim Smit

Project Manager

E tim@wind.nl

M +31 (0)6 27 53 24 48



WIND Cable Services USA inc.

Dyer Street 225

Providence RI 02903

USA

WIND Cable Services Head office

Oudegracht 164-168,

1811 CP Alkmaar

The Netherlands

+31 (0)72 519 32 50

E info@wind.nl

W www.wind.nl

WIND Cable Services US inc.

WIND (www.wind.nl) is the worldwide logistics specialist for the subsea cable industry. We provide full-service solutions for the global transport, handling and storage of subsea cables and flexibles for the energy market, as well as cable recovery of subsea telecommunication cables.

Our client base includes subsea cable manufacturers, subsea cable installation companies, EPIC contractors and utility companies. With a dedicated operations team and expert cable crew, our mission is to deliver a safe, cost-effective and flexible service characterized by trust and quality.

Currently, we are operating several cable storage yards worldwide, suited for both temporary and long-term storage. Our facilities function as cable repair yards, where spare cables and additional accessories are stored together and ready to be loaded on board in case of a cable repair. Our 24/7 load-out team guarantees a quick response in case of offshore cable failures.

Focus on QHSE

Attention to health and safety is paramount in everything that we do. This includes the health and safety of our clients and suppliers, as well as our own personnel. We gear our management processes towards delivering services of the highest levels in accordance with ISO 9001, 14001 and 45001 requirements. Complementary to ISO45001, we're currently working towards acquiring the Safety Culture Ladder (SCL) certification.

Flexibility is key

We realize that offshore operations schedules and planning can change rapidly. Our team will work to the client's schedule and respond to support the project in the most effective way. Our relatively small part of the project can easily result in big financial damage or gain for our clients. We, therefore, need to be flexible.

One point of contact

Our clients will have one point of contact for each yard. These persons operate directly under the group management of WIND and are easy to contact in case of urgent questions or requests.

We keep it local

We aim to work with people who live close to our yards. All non-cable-specific workers and equipment will be local, and our more experienced team will train and upskill these people in all roles, from coiler to operator to supervisor.

The WIND way

All yards work together under the same principles and management system. The project management and engineering of cable transfers, transports and logistics are mainly carried out from the head office in The Netherlands. This centralized management creates standard method statements, risk assessments and standard operating procedures for roll-out worldwide.

Cable on the move!



Mission team

**Embassy of the Kingdom
of the Netherlands in
Washington**

4200 Linnean Avenue, NW
Washington , D.C. 20008
United States of America
E: was-ea@minbuza.nl
www.NLintheUSA.com
www.nederlandwereldwijd.nl



Mr. Marc Streefkerk

Sr. Economic Policy Officer
Energy and Climate

E marc.streefkerk@minbuza.nl
T +1 202 913 7521

**Consulate General of the
Kingdom of the Netherlands in
New York**

666 Third Ave, 19th floor
New York, NY 10016
E: nyc-ea@minbuza.nl
www.nederlandwereldwijd.nl



Mrs. Barry Nieuwenhuijs

Deputy Consul General

E barry.nieuwenhuijs@minbuza.nl
T +1 917 903 2207



Mr. Carter Craft

Sr. Economic Policy Officer
Offshore wind lead

E carter.craft@minbuza.nl
M +1 646 644 9908



Holland Home of Wind Energy



Mr. Arjen Schutten
Managing Director HHWE

E arjen@hhwe.eu
M + 31 6 46 36 38 54



Mr. Chris Hanson
US Liaison, Dutch PIB in Offshore
Wind

E chris@hhwe.eu
M +1 202 531 2665

Netherlands Enterprise Agency (RVO)



Mr. Kees Mokveld
Senior Advisor International
Clean Energy Partnership, ICEP

E kees.mokveld@rvo.nl
M + 31 6 30 62 71 89

